I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EU578404426US, in an envelope addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: October 30, 2002

Signature:

Docket No.: HO-P00965US0

(PATENT

OCT 3 0 2002 512

IN THE UNITED STATES PATENT AND TRADEMARK OFF

Me Patent Application of: James M. Musser, et al.

Application No.: 08/160,965

Filed: December 2, 1993

For: VACCINES CONTAINING CYSTEINE

PROTEASE AND METHODS TO PROTECT AGAINST GROUP A STREPTOCOCCI

Group Art Unit: 1645

Examiner: J. Hines

58 ft Linda 11/20/02

AMENDMENT

Box Non-Fee AmendmentCommissioner for Patents

Washington, DC 20231

Dear Sir:

In response to the Office Action dated September 18, 2002 (Paper No. 57), please amend the above-identified U.S. patent application as follows:

In the Drawings

NE

Please substitute Figures 8 and 9 with the substitute Figures 8 and 9 attached to this paper as Appendix D. Applicants request that the Examiner note that SEQ ID numbers have been added to the substitute drawings as required by the Examiner.

In the Specification

A. Please substitute the following paragraphs in response to the submission of substitute drawings. Support for the amendment to the substitute paragraph starting on page 6, line 7, appears on page 26, starting on line 1. Support for the amendment to the substitute paragraph starting on page 6, line 9, appears on page 26, starting on line 18.

